Title (en)
Information system service-level security risk analysis

Title (de)
Sicherheitsrisikoanalyse auf Informationssystemservice-Ebene

Title (fr)
Analyse des risques de sécurité au niveau service dans un système d'information

Publication
EP 1768043 A2 20070328 (EN)

Application
EP 06300970 A 20060921

Priority
• US 23200405 A 20050922
• US 36610106 A 20060302

Abstract (en)
Information system service-level security risk analysis systems, methods, and Graphical User Interfaces are disclosed. Assets of an information system that have relationships with a service provided by the information system are identified, and at least one security risk to the service is determined by analyzing security vulnerabilities associated with the identified assets. A consolidated representation of the service is provided, and includes an indication of the determined security risk(s) and an indication of a relationship between the service and at least one of the identified assets. The security risk indication may include indications of multiple security parameters. Security risks may be represented differently depending on whether they arise from a security vulnerability of an asset that has a relationship with the service or a security vulnerability of an asset that has a relationship with the service only through a relationship with an asset that has a relationship with the service.

IPC 8 full level
G06F 21/00 (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP US)
G06F 21/577 (2013.01 - EP US); **H04L 63/1433** (2013.01 - EP US)

Cited by
EP2816773A1; EP2506519A1; EP3343867A1; US2010095381A1; US8533843B2; EP3793166A1; AU2022203527B2; US11277432B2; US11411970B2; US11880250B2; US11218504B2; US11895150B2; WO2021154720A1; WO2012130384A1; US11411976B2; US11838307B2; US11075939B2; US11750657B2; US11283825B2; US11757921B2; US11483213B2; US11973790B2; US12034756B2; US11184385B2; US11811816B2; US11831675B2; US11232235B2; US11281806B2; US11822702B2; US11907407B2; US11159555B2; US11533332B2; US11695795B2; US11838310B2; US11876824B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1768043 A2 20070328; **EP 1768043 A3 20080702**; US 2007067847 A1 20070322; US 8438643 B2 20130507

DOCDB simple family (application)
EP 06300970 A 20060921; US 36610106 A 20060302